

## **Charter**

### **Palomares Program Review**

#### **Background**

On September 15, 1997, the United States of America and the Kingdom of Spain signed the “Implementing Arrangement Between the Department of Energy of the United States of America and the Kingdom of Spain on Cooperation in Research on Radiological Evaluations, ” herein after referred to as the “Implementing Arrangement. ” The U.S. Department of Energy (DOE) and the Center of Energy Investigations, Environment, and Technology (CIEMAT) of Spain are the two respective parties to this Implementing Arrangement. The purpose of this Implementing Arrangement is to provide a mechanism for continued support from the United States for medical and environmental studies in Palomares, Spain.

Section 111, “Program Review,” of Project Annex I to the Implementing Arrangement requires that: DOE work with CIEMAT to establish a panel of outside independent experts to review and summarize the scientific and technological aspects of the program in Palomares, Spain, and to make recommendations on future directions.

#### **Charter Purpose**

The purpose of this charter is to provide the framework by which the panel is to conduct a thorough program review of the studies conducted pursuant to the Implementing Arrangement. The panel shall conduct its review in light of past and current finding agreements under the Implementing Arrangement and shall make its recommendations consistent with the current budgetary range of the program.

#### **Panel Tasks**

- Determine whether the ongoing work conducted pursuant to the Implementing Arrangement continues to serve the purposes for which it was intended;
- Determine the scientific appropriateness and adequacy of the ongoing work;
- Determine whether the program has achieved its original goals; and
- Based on these determinations, prepare a final written report documenting its recommendations to DOE and CIEMAT regarding the future direction of the program conducted pursuant to the Implementing Arrangement.

## Panel Structure

The review panel will be composed of four independent outside experts, two selected by DOE and two selected by CIEMAT. The four will select a chairperson from among themselves. Panelists should be selected so that, as a whole, the panel will have scientific expertise over a range of fields relevant to assessing the program in Palomares. This may include disciplines such as environmental epidemiology, biostatistics, public health, medicine, medical monitoring, genetics, health physics, ecotoxicology and exposure pathway analysis, and radiation protection. Panelists should have a thorough understanding of the physiochemical properties, potential for adverse effects in humans and the environment, and exposure pathway analysis of the two major contaminants of concern, plutonium and americium.

## Panel Meetings

The panel will meet as necessary, but it is anticipated that, at a minimum, an initial meeting, a tour of the site, and a meeting to discuss the report before finalizing it will be needed.

Records of all meetings shall be kept and reported to DOE and CIEMAT.

## Panel Compensation

DOE will pay each panelist an honorarium of \$1,000 and will pay secretarial, administrative, and logistical expenses related to the project up to \$50,000.

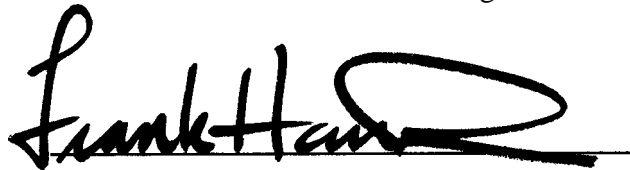
## Panel Reports

Upon completion of its work, the panel will release a **final** report to DOE and to CIEMAT containing its recommendations. The report is to be submitted in both English and Spanish.

## Tentative Schedule

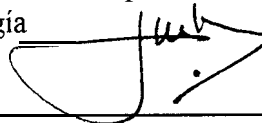
Milestone	Date
Agreement on Selection of the Scientific Review Committee Members	December 1, 1997
Initial Meeting of the Scientific Review Committee to Elect a Chair from among Themselves and to Make Assignments	January-February 1998
Site Tour of Palomares by the Scientific Review Committee	January-February 1998
Final Report Due to DOE and CIEMAT	July 1998

For the U.S. Department of Energy  
Frank Hawkins, Director  
Office of International Health Programs

A large, bold, handwritten signature in black ink, appearing to read "Frank Hawkins", written over a horizontal line.

Date: Dec 3, 1997

For the Center of Energy Investigations,  
Environment, and Technology  
Jose Gutiérrez Lopez, Director  
Department de Impacto Ambiental de la  
Energía

A handwritten signature in black ink, appearing to read "Jose", written over a horizontal line.

Date: 5. Diciembre. 1997